

Claims

What is claimed is:

1. An information handling system comprising:
 - a video controller;
 - a switching circuit configured to receive an input signal associated with an operating system processable by the information handling system, the switching circuit configured to provide a first power signal or a second power signal to the video controller in response to the input signal.
2. The information handling system of claim 1, wherein the input signal is associated with a power management mode supported by the operating system.
3. The information handling system of claim 1, further comprising:
 - a program processable by the information handling system for causing the information handling system to:
 - generate the input signal; and
 - provide the input signal to the switching circuit.
4. The information handling system of claim 3, wherein the program is processable by the information handling system for causing the information handling system to:
 - detect the operating system; and
 - generate the input signal in response to detecting the operating system.

- 1 5. The information handling system of claim 4, wherein the program is
2 processable by the information handling system for causing the information
3 handling system to:
4 detect a power management mode supported by the operating system;
5 and
6 generate the input signal in response to detecting the power
7 management mode supported by the operating system.
- 1 6. The information handling system of claim 5, wherein the program is
2 processable by the information handling system for causing the information
3 handling system to:
4 detect the power management mode supported by the operating
5 system using a table that lists the operating system and the power
6 management mode supported by the operating system.
- 1 7. The information handling system of claim 3, wherein the program comprises
2 a portion of a basic input output system (BIOS).
- 1 8. A method performed by an information handling system comprising:
2 receiving an input signal at a switching circuit, the input signal
3 associated with an operating system processable by the information handling
4 system; and
5 providing a first power signal or a second power signal from the
6 switching circuit to a video controller in response to the input signal.
- 1 9. The method of claim 8, further comprising:
2 receiving the input signal, the input signal associated with a power
3 management mode supported by the operating system.

PATENT

Docket No.: DC-03280 (16356.669)

Customer No. 000027683

10. The method of claim 8, further comprising:

generating the input signal; and
providing the input signal to the switching circuit.

11. The method of claim 10, further comprising:

detecting the operating system; and
generating the input signal in response to detecting the operating system.

12. The method of claim 11, further comprising:

detecting a power management mode supported by the operating system; and
generating the input signal in response to detecting the power management mode supported by the operating system.

13. The method of claim 12, further comprising:

detecting the power management mode supported by the operating system using a table that lists the operating system and the power management mode supported by the operating system.

14. The method of claim 10, further comprising:

providing the first power signal or the second power signal to the video controller in response to the input signal prior to initiating the operating system.

15. A computer program product comprising:

a program processable by an information handling system for causing the information handling system to:

4 generate an input signal associated with an operating system
5 processable by the information handling system; and
6 provide the input signal to a switching circuit to cause the
7 switching circuit to provide a first power signal or a second power
8 signal to a video controller; and
9 an apparatus from which the program is accessible by the information
10 handling system.

1 16. The computer program product of claim 15, wherein the program is
2 processable by the information handling system for causing the information
3 handling system to:

4 generate the input signal in response to a power management mode
5 supported by the operating system.

1 17. The computer program product of claim 15, wherein the program is
2 processable by the information handling system for causing the information
3 handling system to:

4 detect the operating system; and
5 generate the input signal in response to detecting the operating
6 system.

1 18. The computer program product of claim 17, wherein the program is
2 processable by the information handling system for causing the information
3 handling system to:

4 detect a power management mode supported by the operating system;
5 and
6 generate the input signal in response to detecting the power
7 management mode supported by the operating system.

PATENT

Docket No.: DC-03280 (16356.669)

Customer No. 000027683

1 19. The computer program product of claim 18, wherein the program is
2 processable by the information handling system for causing the information
3 handling system to:

4 detect the power management mode supported by the operating
5 system using a table that lists the operating system and the power
6 management mode supported by the operating system.

1 20. The computer program product of claim 15, wherein the apparatus comprises
2 a non-volatile storage device.

1 21. The computer program product of claim 15, wherein the program comprises a
2 portion of a basic input output system (BIOS).